

WHAT IS CLAIMED IS:

1. An EL element, comprising:
 at least one organic layer that includes a light-emitting layer; and
 a pair of electrodes opposed to each other, the at least one organic layer being disposed between the pair of electrodes, one electrode of the pair of electrodes being a transparent electrode, through which light emitted from the light-emitting layer passes, a wavelength at a peak of light emission of the light-emitting layer and a wavelength at a peak of transmittance of the transparent electrode being in close agreement with each other.
2. An EL element, comprising:
 at least one organic layer that includes a light-emitting layer, the light-emitting layer emitting blue light; and
 a pair of electrodes opposed to each other, the at least one organic layer being disposed between the pair of electrodes, one electrode of the pair of electrodes being a transparent electrode, through which light emitted from the light-emitting layer passes, and the transparent electrode including an indium tin oxide film, and having a film thickness of 120 ± 20 nm.
3. An EL element, comprising:
 at least one organic layer that includes a light-emitting layer, the light-emitting layer emitting green light; and
 a pair of electrodes opposed to each other, the at least one organic layer being disposed between the pair of electrodes, one electrode of the pair of electrodes being a transparent electrode, through which light emitted from the light-emitting layer passes, and the transparent electrode including an indium tin oxide film, and having a film thickness of 150 ± 20 nm.
4. An EL element, comprising:
 at least one organic layer that includes a light-emitting layer, the light-emitting layer emitting red light; and
 a pair of electrodes opposed to each other, the at least one organic layer being disposed between the pair of electrodes, one electrode of the pair of electrodes being a transparent electrode, through which light emitted from the light-emitting layer passes, and the transparent electrode including an indium tin oxide film, and having a film thickness of 180 ± 20 nm.
5. An EL element, comprising:

at least one organic layer that includes a light-emitting layer, the light-emitting layer emitting blue light; and

a pair of electrodes opposed to each other, the at least one organic layer being disposed between the pair of electrodes, one electrode of the pair of electrodes being a transparent electrode, through which light emitted from the light-emitting layer passes, and the transparent electrode including an indium zinc oxide film, and having a film thickness of 110 ± 10 nm.

6. An EL element, comprising:

at least one organic layer that includes a light-emitting layer, the light-emitting layer emitting green light; and

a pair of electrodes opposed to each other, the at least one organic layer being disposed between the pair of electrodes, one electrode of the pair of electrodes being a transparent electrode, through which light emitted from the light-emitting layer passes, and the transparent electrode including an indium zinc oxide film, and having a film thickness of 130 ± 10 nm.

7. An EL element, comprising:

at least one organic layer that includes a light-emitting layer, the light-emitting layer emitting red light; and

a pair of electrodes opposed to each other, the at least one organic layer being disposed between the pair of electrodes, one electrode of the pair of electrodes being a transparent electrode, through which light emitted from the light-emitting layer passes, and the transparent electrode including an indium zinc oxide film, and having a film thickness of 150 ± 10 nm.

8. An EL display, comprising:

a plurality of EL elements arranged in a matrix;

a substrate; and

partition walls provided around the EL elements on the substrate such that each EL element of the EL elements can be energized individually, at least one EL element of the EL elements being the EL element according to Claim 1.

10. The EL display according to Claim 9,

the red-emitting EL element including the EL element according to Claim 4;

the green-emitting EL element including the EL element according to Claim 3;

and

the blue-emitting EL element including the EL element according to Claim 2.

11. The EL display according to Claim 9.

the red-emitting EL element including the EL element according to Claim 7;

the green-emitting EL element including the EL element according to Claim 6;

and

the blue-emitting EL element including the EL element according to Claim 5.

12. An EL display having at least two emission colors including at least green emission, comprising:

at least one organic layer that includes a light-emitting layer; and

a pair of electrodes opposed to each other, the at least one organic layer being disposed between the pair of electrodes, one electrode of the pair of electrodes being a transparent electrode, through which light emitted from the light-emitting layer passes, the transparent electrode having a film thickness of at least one of 150 ± 20 nm and 130 ± 10 nm, the film thicknesses with respect to respective emission colors being in close agreement with each other.

13. An electronic apparatus, comprising:

the EL element according to Claim 1.

14. An electronic apparatus, comprising:

the EL display according to claim 12.